

Please type a plus sign (+) inside this box → ☐

Approved for use through 09/30/00 O#B 0651-0032  
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No

48903 DIV

Total Pages

First Named Inventor or Application Identifier

APPLEYARD et al.

Express Mail Label No

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **34**]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **2**]
4. Oath or Declaration [Total Pages **5**]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]  
c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations (some)
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application  
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. **09,275,771**

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME **Herbert B. Keil**

ADDRESS

**KEIL & WEINKAUF**  
**1101 Connecticut Avenue, N.W.**  
**Washington, D.C. 20036**

CITY

STATE

ZIP CODE

COUNTRY

**USA**

TELEPHONE

**(202)659-0100**

FAX

**(202)659-0105**

Burden and Statement: This form is estimated to take 02 hours to complete. Time will be charged upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.


The filing fee has been calculated as shown below:

For:	Number Filed	Number Extra	Small/Large Entity	Basic Fee \$370/\$740
Basic Fee				\$ 740.00
Total Claims:	6	-20=	x \$9/\$18	=
Indep. Claims:	1	-3=	x \$42/\$84	=
[ ] Multiple Dependent Claim(s) presented: \$140/\$280				=
[ ] Non-English specification fee: \$130				=
[X] A check is enclosed for the filing fee.				\$ 740.00

- [X] A check for \$1,140.00 for the above fees is enclosed and the required two month extension fee in parent appln SN 09/275,771, is enclosed.
- [X] Authorization is hereby given to charge any deficiency in fees, including any extension fees, during the prosecution of this application and for the present filing, to Dep. Acct. 11-0345.

January 14, 2002

Date

  
Herbert B. Keil  
Reg. No. 18,967

HBK/kas

1101 Connecticut Ave., N.W.  
Washington, D.C. 20036  
(202) 659-0100

2004-15-01402